

20020807.qrp v02_n640.qrl.20020807

Date: Wed, 7 Aug 2002 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2640

QRP-L Digest 2640

Topics covered in this issue include:

- 1) [131623] MFJ 931 Artificial Ground
by Marv Fagenson <k6hcj@juno.com>
- 2) [131624] Items Left FS...
by "Makai - Staniel Cay" <makai@makai.org>
- 3) [131625] End fed wire above metal roof - NOT NEW !
by Rick McKee <kc8aon@juno.com>
- 4) [131626] Re: End fed wire antenna
by "Karl F. Larsen" <k5di@zianet.com>
- 5) [131627] 75 Meters, short antenna!
by "Karl F. Larsen" <k5di@zianet.com>
- 6) [131628] SLV antenna
by Bruce Rattray <rattray@gpfn.sk.ca>
- 7) [131629] Re: End fed wire antenna
by David Hinerman <WD8CIV@worldnet.att.net>
- 8) [131630] Re: End fed wire antenna
by Bill ROWLETT <kc4atu@yahoo.com>
- 9) [131631] WTB: Whiterook MK33 Non-Iambic paddle
by W0rw@aol.com
- 10) [131632] Re: End fed wire antenna
by Bruce Muscolino <w6toy@erols.com>
- 11) [131633] 18.692 MHz Crystal
by David J Adams <david@theadamsclan.com>
- 12) [131634] bringing parallel line into mobile home; other approaches
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 13) [131635] Re: End fed wire antenna
by Bruce Muscolino <w6toy@erols.com>
- 14) [131636] Hoof in mouth strikes again!!
by "G. Brandon Hoyt" <preacher102677@juno.com>
- 15) [131637] Re: NorCal VX0 Contest
by "James R. Duffey" <jamesd1@flash.net>
- 16) [131638] Re: End fed wire antenna
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 17) [131639] Re: Spartan Sprint
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 18) [131640] Re: Hoof in mouth strikes again!!
by Bruce Muscolino <w6toy@erols.com>
- 19) [131641] RE: Hoof in mouth strikes again!!

- by Nick Kennedy <nkennedy@tcainternet.com>
- 20) [131642] Re: End fed wire antenna
by "Karl F. Larsen" <k5di@zianet.com>
- 21) [131643] Re: End fed wire antenna
by "Charles Mabbott" <aa8vs@msn.com>
- 22) [131644] Physical Characteristics of the End Fed Zepp
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [131645] Re: Hoof in mouth strikes again!!
by Paul Womble <pwomble1@tampabay.rr.com>
- 24) [131646] Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 25) [131647] Re: NorCal VXO Contest Kit"
by "n2cx" <n2cx@voicenet.com>
- 26) [131648] Re: End fed wire antenna
by "Karl F. Larsen" <k5di@zianet.com>
- 27) [131649] Re: Hoof in mouth strikes again!!
by "Jess Gypin" <jessmx5@earthlink.net>
- 28) [131650] Re: End fed wire antenna
by W2AGN <w2agn@w2agn.net>
- 29) [131651] Re: End fed wire antenna
by Alex <kr1st@amsat.org>
- 30) [131652] RE: Hoof in mouth strikes again!!
by <mgoins@usa.net>
- 31) [131653] For Sale - HW-8
by David Gauding <david.gauding@bbs.galilei.com>
- 32) [131654] Re: End fed wire antenna - Long
by William R Colbert <w5xe@juno.com>
- 33) [131655] Re: QST Article Assistance
by Chris Trask <ctrask@primenet.com>
- 34) [131656] Fwd: For Sale - HW-8
by David Gauding <david.gauding@bbs.galilei.com>
- 35) [131657] Re: Hoof in mouth strikes again!!
by "blinn" <blinn@smgazette.com>
- 36) [131658] Re: End fed wire antenna
by "Marty N5NW" <n5nw@n5nw.org>
- 37) [131659] Re: 75 Meters, short antenna!-another possibility.
by ve3ab@mail.mondenet.com
- 38) [131660] Missing Posts?
by "Tracy Markham" <tracy@bytemark.com>
- 39) [131661] Re: End fed wire antenna
by Bill ROWLETT <kc4atu@yahoo.com>
- 40) [131662] Re: Hoof in mouth strikes again!!
by Bill ROWLETT <kc4atu@yahoo.com>
- 41) [131663] Fox - Summer Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 42) [131664] Fox - Summer Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 43) [131665] Re: Missing Posts?

by Ingo Meyer DK3RED <dk3red@gmx.net>
44) [131666] Apt.dweller
by "W2WU" <w2wurjj@verizon.net>
45) [131667] IF cans color codes
by "Mullin, Edward J." <mulline@tycoelectronics.com>
46) [131668] OT GACW
by Juan Ferrari <puntrad@usa.net>
47) [131669] Re: Missing Posts?
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
48) [131670] Re: Apt.dweller
by David Hinerman <WD8CIV@worldnet.att.net>
49) [131671] Re: NorCal VX0 Contest
by "Doug Hendricks" <ki6ds@dph.dpol.net>
50) [131672] WBL V22 paddle
by "Joe W2KJ" <w2kj@earthlink.net>
51) [131673] Re: [WBL V22 paddle]
by "P.Ermisch" <ermisch@usa.net>
52) [131674] Truffle hunt 8/8/02
by "P.Ermisch" <ermisch@usa.net>
53) [131675] Fox: Looks like a couple "zeros" this week.
by "Jim N0UR" <n0ur@attbi.com>
54) [131676] Wanted: Black Case for NC20
by "Alan Fryer" <N3BJ@hotmail.com>
55) [131677] RE: Missing Posts?
by "Tracy Markham" <tracy@bytemark.com>
56) [131678] Re: IF cans color codes
by na5n@zianet.com
57) [131679] Re: Missing Posts?
by Jim Eshleman <jce0@Lehigh.EDU>
58) [131680] Re: NorCal VX0 Contest
by na5n@zianet.com
59) [131681] Re: IF cans color codes
by "dan wanchic" <wa8vzq@cloudnet.com>
60) [131682] RE: IF cans color codes
by "Mullin, Edward J." <mulline@tycoelectronics.com>
61) [131683] Re: NorCal VX0 Contest
by Ingo Meyer DK3RED <dk3red@gmx.net>
62) [131684] Re: End fed wire antenna
by "Karl F. Larsen" <k5di@zianet.com>
63) [131685] Re: Fox: Looks like a couple "zeros" this week.
by "Karl F. Larsen" <k5di@zianet.com>
64) [131686] For Sale de K6AWC, Glenn
by Marv Fagenson <k6hcj@juno.com>
65) [131687] Re: End fed wire antenna
by W2AGN <w2agn@w2agn.net>
66) [131688] 44 foot End Fed Antenna
by "Karl F. Larsen" <k5di@zianet.com>
67) [131689] Re: Missing Posts?

by "Mike Yetsko" <myetsko@insydesw.com>
68) [131690] Re: End fed wire antenna
by "Robin Kidd" <robink@us.ibm.com>
69) [131691] For sale de K6AWC
by Marv Fagenson <k6hcj@juno.com>
70) [131692] Re: End fed wire antenna
by Bruce Muscolino <w6toy@erols.com>
71) [131693] Re: Hoof in mouth strikes again!!
by Bruce Muscolino <w6toy@erols.com>
72) [131694] Re: Hoof in mouth strikes again!!
by "Sparky" <lou@harborside.com>
73) [131695] Re: End fed wire antenna
by "johngabbard" <johngabbard@usintouch.com>
74) [131696] Re: End fed wire antenna
by W2AGN <w2agn@w2agn.net>

Date: Tue, 6 Aug 2002 16:05:01 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@lehigh.edu
Subject: [131623] MFJ 931 Artificial Ground
Message-ID: <20020806.160503.-328583.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

FS: MFJ artificial gnd. \$65+shipping CONUS
Good for apt or condo dwellers.
Marv Fagenson
k6hcj@Juno.com

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Date: Tue, 6 Aug 2002 20:02:12 -0400
From: "Makai - Staniel Cay" <makai@makai.org>
To: <qrp-l@lehigh.edu>
Subject: [131624] Items Left FS...
Message-ID: <PJEGK0FJPBGIMIDLNDICEIKCAAA.makai@makai.org>
MIME-Version: 1.0
Content-Type: text/plain;

charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang...

I am about to make a trip to Florida and am going to try to put together my K2 monies while I am there... I have a few items for sale and all are in "As New" condition... Items still remaining are:

Timewave ANC-4	\$125	
Palm Pilot M105	\$ 85	Brand New in original box. Includes a leather case and 2nd Deep Blue Cover
NetGear RT314	\$ 50	Cable/DSL router with four-port switch

Buyer pays shipping and insurance at actual cost... I have priced these low to go but open to reasonable offers...

Take care and have fun...

72 - Bruce - KL7H/C6A

<http://www.makai.org/KL7H-C6A>

Date: Tue, 6 Aug 2002 20:08:07 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@lehigh.edu
Subject: [131625] End fed wire above metal roof - NOT NEW !
Message-ID: <20020806.200903.8638.3.kc8aon@juno.com>

The idea of an end fed wire above a metal roof like the guy in the mobile home is not a new ideal ! Ever see a wire antenna on an airplane running from the fuselage behind the cabin and sloping upward to the top of the tail section ?

Rick McKee, KC8AON
Willow Wood, Ohio
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Date: Tue, 6 Aug 2002 18:51:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bill ROWLETT <kc4atu@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131626] Re: End fed wire antenna
Message-ID: <Pine.LNX.4.44.0208061849470.1699-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill, it's been my experience that the more wire you get outside, the better the signal you put out. And the end fed antenna makes getting it all outside possible.

On Tue, 6 Aug 2002, Bill ROWLETT wrote:

> When you live in an apartment or condo, you do not
> have to get the random wire outside. Yes it will play
> better, but from my experience, indoors works just
> fine.
>
> Ran a 70 foot random wire from the back of the tuner
> up the wall and around the room. loaded up just fine
> on 10 to 80 meters. Had 2 counter poise wires, one cut
> for 80 and one cut for 40, connected to the ground
> post on the tuner. Reason for the two different
> lengths on the c.p. wires was due to the fact that is
> what fit the space in the two directions they were
> laid in.
>
> Had no rf problems from this setup. Only interference
> I had was when I keyed the 2 meter HT, the smoke alarm
> sounded. It stopped when I unkeyed.
>
> The indoor setup will work better for those on the
> second floor and up. First floor will work, just a
> little tougher.
>
> To those in apartments and conds, give the indoor
> random wire a try.
>

> 73 Bill kc4atu

>

>

> -----
> Do You Yahoo!?

> Yahoo! Health - Feel better, live better

> <http://health.yahoo.com>

>

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 6 Aug 2002 19:15:52 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: qrp-l@lehigh.edu

Subject: [131627] 75 Meters, short antenna!

Message-ID: <Pine.LNX.4.44.0208061908010.1699-1000000@Daisy.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

It was said that a 40 meter wire end fed would load up fine on 80 meters in the old ARRL Antenna Books. So when I got mine set up I tried to load it on 3.939 MHz and it tuned up fine and takes 100 watts with out a problem.

There is a net on this frequency at 7:00 PM and I checked in tonight. Net control was 250 miles north of me and when he asked for visitors I called. He heard me S9 and was very interested in the small antenna.

So I will put this antenna into a easy building form on my web page so others who DO have a space problem can get on 80 Meters with just 44 feet of #26 wire.

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 6 Aug 2002 20:00:32 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [131628] SLV antenna
Message-ID: <Pine.LNX.4.33.0208061958510.3305-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would like to "talk" with someone who is using the SLV portable vertical antenna with the center loading coils please...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 06 Aug 2002 22:36:05 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [131629] Re: End fed wire antenna
Message-ID: <5.1.0.14.1.20020806222707.00b192d8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:57 PM 8/6/2002 -0500, you wrote:

>In 1979 I lived in a mobile home. I was not a ham, but I did have a CB and I
>liked to talk to my friends on it at night....but no where to put up a decent
>antenna.

>

>My radio was an old 23 channel mobile, I ran it off a Harley battery I bought
>at a junkyard for \$2.00....my antenna was a K4 or something like that, mag
>mount
>that I stuck in the middle of my metal roof and ran coax in the window to my
>operating position.

>

>At an honest 4 watts, I could talk to folks between Indianapolis and Terre
>Haute
>Indiana...(about 80 miles)

Brian,

That's a great example. Actually, with solar activity still perking along, a mag mount on the roof might be suitable for the shorter wavelengths. I'd

love to see a 40-meter K4. (Does the guy still bring the 40M rubber duck to Dayton?)

I had a Hustler 5-BTV mounted at roof level some years ago, and it did an adequate job using the home as a BIG FAT radial. (Grin) I can't get away with that here, though - we're limited to 7 feet above the roof or 20 feet high for ground-mounted antennas. And radials or buried feedlines are a no-no unless we want to plant them 18 inches down in conduit... but we still can't cross the underground utility runs, which go through my back yard. So I think I'll go airborne with a stealth wire.

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@att.net

Date: Tue, 6 Aug 2002 19:43:59 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131630] Re: End fed wire antenna
Message-ID: <20020807024359.66440.qmail@web14208.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Very true Karl, wire on the outside is better than the inside. The only problem is that many people can not put up any type of ant. outside. For these folks, its inside or nothing. Just wanted to state what has worked for me in the past and the present.

My indoor 20 meter dipole has netted me over 120 DX countries in the last 18 months on SSB at 5 watts. So even indoors does work. But, I am starting to look for a place were wires can be hung and the metal tree can be planted.

73 and stay cool down there.

Bill kc4atu

Do You Yahoo!?
Yahoo! Health - Feel better, live better
<http://health.yahoo.com>

Date: Tue, 6 Aug 2002 23:03:05 EDT
From: W0rw@aol.com
To: qrp-1@lehigh.edu
Subject: [131631] WTB: Whiterook MK33 Non-Iambic paddle
Message-ID: <14f.120425df.2a81e7e9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

i need a Whiterook MK-33 (Non-Iambic) mini-Paddle.
Please send reply directly to
w0rw@aol.com
Thanks
Paul w0rw

Date: Tue, 06 Aug 2002 23:22:11 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131632] Re: End fed wire antenna
Message-ID: <3D509263.F697F5A0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

The end fed wire antenna is an inherently unbalanced antenna, much like a vertical, only usually laying on its side. The antenna will requires ground to work well at all!
Feeding it with 300 ohm twin lead is unnecessary. You may just put a banana plug on the end and plug it into the tuner! No feedline is necessary. 20 feet may be a little low, but then it would handicap your doublet too!

Now, I admit that I only have about 30 years of experience with this antenna so your mileage may vary!

73

Date: Tue, 06 Aug 2002 23:29:27 -0400
From: David J Adams <david@theadamsclan.com>
To: qrp-1@lehigh.edu
Subject: [131633] 18.692 MHz Crystal
Message-ID: <3D509417.50504@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Greetings! Anyone have an 18.692MHz crystal (HC-49) lying about that they don't need. Ann Arbor has not proven to be a treasure trove of readily available components. Need the crystal for a 20 SSB rig.

73 de dave, n9uxu

Date: Tue, 6 Aug 2002 22:36:40 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "David Hinerman" <WD8CIV@worldnet.att.net>
Cc: <qrp-1@lehigh.edu>
Subject: [131634] bringing parallel line into mobile home; other approaches
Message-ID: <005701c23dc3\$a4658970\$4e100a0a@rohredt2000>

Dave,
The 300 ohm to balun, then coax to the rig sounds fine. I know a similar set up has been used in a house by Fred Bonavita K5QLF, long time QRP guru.

An alternative is to just come under a window edge with the 300 ohm line to your transmatch balanced output. You can cushion the crossing of the metal mobile home window with rubber gasket material. Put a pin in the frame so that on one can raise the window from outside, since it has to remain slightly ajar to clear the pass thru of the cable. Of course, if you have entry to underside of the home via the skirt, you can place a couple of insulated bolts behind the desk, near the wall coming up thru floor, and feed the balanced line thru floor and on to rig transmatch directly for lowest loss.

72, Stuart K5KVH

Date: Tue, 06 Aug 2002 23:45:19 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: kc4atu@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131635] Re: End fed wire antenna
Message-ID: <3D5097CF.9A06C653@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

In 30 years of using an end fed wire I have used them indoors twice. Both were temporary installations. They worked well in spite of my later learning how they actually worked!

Getting a wire antenna outside is easy, even where it is specifically prohibited. Read my article in QST for June 1995. It will show you how.

73

Date: Tue, 6 Aug 2002 23:58:33 -0400
From: "G. Brandon Hoyt" <preacher102677@juno.com>
To: qrp-l@lehigh.edu
Subject: [131636] Hoof in mouth strikes again!!
Message-ID: <20020806.235833.596.8.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Or-

The misguided ramblings of America's youth.

Hey, sorry if I sounded a little cocky with yesterdays post about my two contacts at the Spartan Sprint, just trying to inspire a little competition, maybe get some people riled up. I know that's nothing special, other than it was my first Sprint, but I do need to clarify some things. I don't necessarily want to be annoying, it just happens naturally. Got myself put on the blacklist in some people's email addys, sort of funny, in a odd, roman satire way. Basically, I got a little high of making contacts last nite, it happens even to the best of us, you remember the first time you got a good whiff of the good ether, rite? Truth is, I was amazed at what happened. Contests use to intimidate me, all those odd beeps and dashes, YIKES! Well, now I have a little taste in my mouth of what it's like to be successful in a contest. I was

amazed at the fun everyone seemed to be having, I was enthralled, and I wanted to be like those operators I was hearing. I heard a lot more guys than I worked, or that I even tried to work, I mean, hey, I'm young, but I know I should listen more than transmit. Here's the bottom line:

1. I love you guys!
2. I love ham radio!
3. I love Spartan Sprint!
4. When I figger out how to do it, I'm going to kick tail! (especially in the Skinny division)

And tell you how I did it! ;-) Chances are, most people on this list are better operators than I am, and I need to learn me some things, but I'm learnin, not just sittin', and I don't believe in trying without trying to win.

I'm in it for the competition, because competition is what is going to make me a better operator. Being a better operator means I can actually do something useful with the hobby, like handle net traffic, operate in emergency situations, etc. It's a big kick!

So, put me in my place, make sure you gots a sharp fist, cause I'm gonna try and copy you, your habits will become mine, until I learn, and make it my own!

LIC,

G. Brandon Hoyt "Known far and Wide as the Great Pumpkin"
Philosopher, Photographer, Preacher, Pirate, Poet.
DE KG4GVL Clear

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Date: Tue, 06 Aug 2002 22:06:14 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Cc: <ki6ds@dph.dpol.net>
Subject: [131637] Re: NorCal VX0 Contest
Message-ID: <B975F8D5.1AAAD%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Doug - The VX0 contest looks great. Just the thing to stimulate the grey matter. I already have a couple designs brewing in the back regions of the cranium.

I understand why you want to use the 1SV149 Varactor instead of a variable capacitor as viable variable capacitors are getting difficult to obtain. But would inductive tuning be acceptable? In this case, there would be no need for the varactor. I am not looking for a loophole here, but I am looking for an advantage. :^)

Similarly, are trimmer capacitors allowed if they are not used to control the frequency?

Also, will the crystal parameters of the NorCal crystals in your mayonaise jar be made available? That would be useful for design purposes. I have my own mayonaise jar, although no front porch here. The view from the back deck is spectacular though.

Will you distinguish between true VXOs and circuits in which the crystal and reactive tuning components act as a VFO? If so, how?

I am working on a design that employs conjugate matching. :^)=

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Wed, 07 Aug 2002 00:47:21 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [131638] Re: End fed wire antenna
Message-ID: <VQBAVTID3Z7496IDB8LK8653WVSMJJD.3d50b469@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi Dave:

I lived your predicament:

"Sadly, this isn't also true of a mobile home. So what I'm contemplating is a doublet fed with 300-ohm twin lead as far as the top edge of the home, then a 4:1 balun, then coax (probably RG-58 - we just recabled the company for ethernet and there's lots laying around) down the inside of the wall to a tuner."

Why the 4:1 balun? The impedance that will be presented to the balun will vary wildly on diff. bands. The transformed Z will be just as whacky. In my mobile home installation, I simply ran the twinlead thru a cracked-open-at-the-bottom and

stuffed
the opening with insulation for winter.

I eventually put a pair of phased 14AVQ's on the roof, made sure all the metal
roof
sections were bonded electrically, and added about 75 DXCC to my previous total --
had to rework a lot too.

If I had to do it again, I'd use Hamsticks with mag mounts -- with the shield
braid solidly
connected to the roofing sheets.

72, Ade W0RSP

Date: Wed, 07 Aug 2002 00:51:51 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [131639] Re: Spartan Sprint
Message-ID: <TSSHBB0D9LJD8DC4WWCFBDBMIPLD.3d50b577@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all:

I got in an hour. I cranked down to 500mw and did 14Q's on 20m, then 1w for 6Q's
on 40m. I guess that tots up to 20 in the hour. Not too bad. I didn't realize that
Brian K7RE has taken up residence in SD, so when he sent that for SPC, I
was kind of confused! Ant. was a 30m dipole up 45ft fed thru chjeapie RS
twinlead and ZM-2 tuner. Can't beat a dipole.

72, Ade W0RSP

Date: Wed, 07 Aug 2002 05:09:31 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: preacher102677@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131640] Re: Hoof in mouth strikes again!!
Message-ID: <3D50E3CB.3592DCDD@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Brandon,

Your enthusiasm is natural. Please remember that many, if not all of us have, at one time or another, experienced the same thrill!

It happens each time we get on the air! Use a little perspective in your writing. Stop telling us how you are going to kick tail. You will find that no matter how good you are, there will always be someone better!

73

Date: Wed, 7 Aug 2002 06:11:23 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'preacher102677@juno.com'" <preacher102677@juno.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131641] RE: Hoof in mouth strikes again!!
Message-ID: <01C23DD9.4207CC00.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Fifteen yards for excessive celebration will be assessed on the kickoff.

Although I wasn't offended, I guess the Doctor Evil persona was too strong for some. But I do enjoy the happy dances and other outbursts when something goes right against all odds.

72--Nick, WA5BDU

-----Original Message-----

From: G. Brandon Hoyt [SMTP:preacher102677@juno.com]
Sent: Tuesday, August 06, 2002 10:59 PM
To: Low Power Amateur Radio Discussion
Subject: Hoof in mouth strikes again!!

Or-

The misguided ramblings of America's youth.

Hey, sorry if I sounded a little cocky with yesterdays post about my two contacts at the Spartan Sprint,

Date: Wed, 7 Aug 2002 05:35:22 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131642] Re: End fed wire antenna
Message-ID: <Pine.LNX.4.44.0208070520140.1750-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bruce you declare that the end fed zepp is an inherently unbalanced antenna. That's a good assumption I guess but your ignoring the 300 ohm feedline. Have you ever put a 40 meter wire fed with a balanced feedline on a Smith Chart? I plan to do that and then find out what the antenna impedance is.

My experiance yesterday is that I don't need a good ground on any band except 20 meters. I think a counterpoise will cure that problem. On 75 meters it works so well I'm very happy. I went around telling people your not getting on 75 meters with anything shorter than a G5RV (102 feet). Now I'm saying you can get on 75 meters with 44 feet of antenna.

On Tue, 6 Aug 2002, Bruce Muscolino wrote:

> Karl,
>
>
>
> The end fed wire antenna is an inherently unbalanced antenna, much like
> a vertical, only usually laying on its side. The antenna will requires
> ground to work well at all!
> Feeding it with 300 ohm twin lead is unnecessary. You may just put a
> banana plug on the end and plug it into the tuner! No feedline is
> necessary. 20 feet may be a little low, but then it would handicap
> your doublet too!
>
> Now, I admit that I only have about 30 years of experience with this
> antenna so your mileage may vary!

By experiance do you mean you used this antenna for 30 years? I have a 1972 ARRL Antenna Book and it says the end fed zepp can be used on the band that the wire is 1/4 wave on, and they are right.

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Wed, 07 Aug 2002 07:57:16 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-1@lehigh.edu
Subject: [131643] Re: End fed wire antenna
Message-ID: <F29iZZyDw5fX4svGR5b00003691@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Karl,
I use banana plugs with wire antennas while traveling, when you have the wire flung from window [hotel] across the parking lot that semi coming through can be quite annoying when he hooks wire and pulls rig in floor..... The banana plug acts as a safety!
73 oo
Chuck AA8VS

>From: Bruce Muscolino <w6toy@erols.com>
>Reply-To: w6toy@erols.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: End fed wire antenna
>Date: Tue, 06 Aug 2002 23:22:11 -0400
>
>Karl,
>
>
>
>The end fed wire antenna is an inherently unbalanced antenna, much like
>a vertical, only usually laying on its side. The antenna will requires
>ground to work well at all!
>Feeding it with 300 ohm twin lead is unnecessary. You may just put a
>banana plug on the end and plug it into the tuner! No feedline is
>necessary. 20 feet may be a little low, but then it would handicap
>your doublet too!
>
>Now, I admit that I only have about 30 years of experience with this
>antenna so your mileage may vary!
>
>73

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 7 Aug 2002 05:59:49 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [131644] Physical Characteristics of the End Fed Zepp
Message-ID: <Pine.LNX.4.44.0208070544220.1750-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The antenna I have put on the roof of my home is 44 feet long and is #26 hook up wire. The insulator on the far end is a pcvp junction. These are plastic and round, 1 1/4 inches long and 3/4 inches outside diameter. Ask for pcvp 1/2 inch water pipe junctions. They cost about 25 cents each. I drilled two holes in the far one and tied the antenna through one and the mounting wire through the other.

On the feedline end I found a good way to keep the 300 ohm line from braking the #26 antenna wire. I drilled a hole with a #43 drill in the center of the junction and tapped it for a 4-40 screw. I drilled a #33 hole in the 300 ohm ribbon near the end and bolted the 300 ohm ribbon to the junction. Then made a very long (3 inches) pig tail on the antenna wire and soldered it to one lead of the 300 ohm line. The rope holding up this end passes through the junction.

This antenna will last many years this way. I will take mine down soon because it will be a main part of my talk at the Hamfest.

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Wed, 07 Aug 2002 08:09:40 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131645] Re: Hoof in mouth strikes again!!
Message-ID: <3D510E04.979609A7@tampabay.rr.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brandon,

Keep up the enthusiasm. We need a LOT more of that in amateur radio.

Don't worry about the "black lists" or the "Crotchety Old Men" . Their loss not yours. There is nothing wrong with what you wrote.

73

Paul K4FB

Date: Wed, 7 Aug 2002 07:30:35 -0500
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131646] Wednesday Warble
Message-ID: <002d01c23e0e\$3abfae60\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang:

The Four State QRP Group will have some PSK activity tonight on about 3580.5 KHz. If you are in range of our signals, stop by and say howdy around 9 PM central time.

Conditions on 80 meters seem to be getting better. We have had QRP'ers from neighboring states and "DX" like South Dakota, Alabama, Georgia and some others lately so dust off those Warblers and give it a try tonight!

72, Dave

David Bixler W0CH
Seneca, Missouri
Four State QRP Group: <http://w0ch/fsqrp>
QRP Web Site Main: <http://w0ch.com>
QRP Web Site Mirror: <http://showcase.netins.net/web/w0ch/>

QRP: Little radios, big fun!

Date: Wed, 7 Aug 2002 08:32:44 -0400 (EDT)
From: "n2cx" <n2cx@voicenet.com>
To: ki6ds@dospalos.org
Cc: qrp-l@lehigh.edu
Subject: [131647] Re: NorCal VX0 Contest Kit"
Message-ID: <200208071232.g77CWiE19059@email1.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Doug,

Since Dr MC asked for a clarification, I figure that you are fair game...

Does "must use 1SV149 Varicap diode, 78L08 voltage regulator"
mean one and only one of each per oscillator? Since you
specifically said one or more for the crystals I suspect that
the answer is yes.

72/73,

Joe E., N2CX

Date: Wed, 7 Aug 2002 06:40:50 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Charles Mabbott <aa8vs@msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131648] Re: End fed wire antenna
Message-ID: <Pine.LNX.4.44.0208070639320.9838-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That's a good idea Chuck. It's also a good idea to get your wire higher
than the 18 wheeler, but agree that's pretty high.

On Wed, 7 Aug 2002, Charles Mabbott wrote:

> Karl,
> I use banana plugs with wire antennas while traveling, when you
> have the wire flung from window [hotel] across the parking lot that

> semi coming through can be quite annoying when he hooks wire and
> pulls rig in floor..... The banana plug acts as a safety!
> 73 oo
> Chuck AA8VS
>
>
>
> >From: Bruce Muscolino <w6toy@erols.com>
> >Reply-To: w6toy@erols.com
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Subject: Re: End fed wire antenna
> >Date: Tue, 06 Aug 2002 23:22:11 -0400
> >
> >Karl,
> >
> >
> >
> >The end fed wire antenna is an inherently unbalanced antenna, much like
> >a vertical, only usually laying on its side. The antenna will requires
> >ground to work well at all!
> >Feeding it with 300 ohm twin lead is unnecessary. You may just put a
> >banana plug on the end and plug it into the tuner! No feedline is
> >necessary. 20 feet may be a little low, but then it would handicap
> >your doublet too!
> >
> >Now, I admit that I only have about 30 years of experience with this
> >antenna so your mileage may vary!
> >
> >73
>
>
>
>
> -----
> MSN Photos is the easiest way to share and print your photos:
> <http://photos.msn.com/support/worldwide.aspx>
>
>

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Wed, 7 Aug 2002 06:51:56 -0600
From: "Jess Gypin" <jessmx5@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131649] Re: Hoof in mouth strikes again!!
Message-ID: <004001c23e11\$3710a8c0\$41365742@co.sprintbbd.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Amen! When we start chastising for being happy about radio, there is a problem.

Jess

----- Original Message -----

From: "Paul Womble" <pwomble1@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 07, 2002 6:09 AM
Subject: Re: Hoof in mouth strikes again!!

> Brandon,
>
> Keep up the enthusiasm. We need a LOT more of that in amateur radio.
>
> Don't worry about the "black lists" or the "Crotchety Old Men" . Their
> loss not yours. There is nothing wrong with what you wrote.
>
> 73
> Paul K4FB
>

Date: Wed, 07 Aug 2002 08:37:40 -0400
From: W2AGN <w2agn@w2agn.net>
To: k5di@zianet.com,
 Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131650] Re: End fed wire antenna
Message-ID: <3D50DC54.28757.879B9A4@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Aug 2002 at 5:35, Karl F. Larsen wrote:

>

> Bruce you declare that the end fed zepp is an inherently
> unbalanced antenna. That's a good assumption I guess but your ignoring
> the 300 ohm feedline. Have you ever put a 40 meter wire fed with a
> balanced feedline on a Smith Chart? I plan to do that and then find out
> what the antenna impedance is.
>
> My experiance yesterday is that I don't need a good ground on
> any band except 20 meters. I think a counterpoise will cure that
> problem. On 75 meters it works so well I'm very happy. I went around
> telling people your not getting on 75 meters with anything shorter than
> a G5RV (102 feet). Now I'm saying you can get on 75 meters with 44 feet
> of antenna.
>

Oh come on, now! Even I, technical dunce that I may be, know that you are not
working 75 Meters with a 44 foot antenna! Your feedline is part of the antenna,
and is
radiating like crazy. In fact, on 75, you have an end fed, random wire, however
long your feddline + 44 foot antenna wire is..

I really hope nobody at that Hamfest takes your disjointed ramblings seriously!

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / QRPARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Wed, 07 Aug 2002 09:05:11 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131651] Re: End fed wire antenna
Message-ID: <3D511B07.B0D093B3@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I live in a ground floor apartment and also have a 70 feet of wire
strung up. I can tune this antenna with a counterpoise from 80 to 10
meters. My experience is that the wire picks up an awful lot of noise.
So instead of simply routing the wire on the inside near an outside wall
for best radiation, I routed the antenna for minimal noise pickup

throughout the apartment. To find the best route for minimal noise I took a portable SW radio and walked around the apartment with it and put it's whip antenna where the wire would run. This way you get a nice idea of where your blind (deaf?) and sweet spots are.

One interesting observation I had was that reception near the breaker box was very good. I expected to find a lot of noise there, but instead it overloaded the portable with signals. I guess the whip was coupling into all the house wiring there.

One night I compared the performance of the magloop with the wire on 20 meters PSK31. The difference was incredible. The noise level on the wire was about an S7 and was S0 (not undetectable, the meter just displayed S0) on the magloop. Also, the number of signals that could be received increased dramatically. I made some screen shots of this test and will put it on my web page.

Especially when you live on the ground floor I would encourage people to try a small transmitting (magnetic) loop. It works really well near the ground. Also, the wire causes a lot more RFI in my situation. Of course this is just my experience and the test only reflects what appears to work best for my situation.

73,
--Alex (KR1ST)

<http://www.kr1st.com>

Date: Wed, 07 Aug 2002 08:34:52 -0500
From: <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [131652] RE: Hoof in mouth strikes again!!
Message-ID: <20020807133452.13067.qmail@uwdvg001.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

No problem here whatsoever. =

I distinctly remember waking the wife (first one!) when I worked Hawaii for the very first time with my old HT-37/SX-101 combination and one of my first wire antennas. Didn't even realize I was hollering until I took off the headphones!

mike
wb5yjx

Date: Wed, 07 Aug 2002 09:10:40 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [131653] For Sale - HW-8
Message-ID: <5.1.1.6.0.20020807085431.00a33560@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good morning,

Selling my HW-8, S/N 09750, including power cord and manual, \$125 shipped US.

No mods, all original parts.

Minor light scratches on the top and edges, almost perfect faceplate.

1.2 to 1.5W output (depending on band) at 12.8V into 50 ohm load, receiver excellent.

I'm not the builder but the silent key who did the work knew what he was doing.

Many QSO's on this OT over the last dozen years but now time to move on.

Many thanks,

de Dave, NF0R nf0r@slacc.com

Date: Wed, 7 Aug 2002 08:23:39 -0600
From: William R Colbert <w5xe@juno.com>
To: WD8CIV@worldnet.att.net, qrp-l@lehigh.edu
Subject: [131654] Re: End fed wire antenna - Long
Message-ID: <20020807.082343.-390319.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Dave, and group

After living in a mobile home for over 30 years, I can tell you that even on vhf the Faraday shield effect is quite prevalent trying to operate from the inside. Now I have not been in nor tried to operate from the newer types where the roof is shingled and sides wood panels. I would think signals would pass pretty well in that type of mobile home except for the coupling to the electrical, phone, etc. They do not use any type of metal conduit for wire runs and for electrical depend on romex type cable.

I have been fortunate in that only one place had antenna restrictions and that was in Southern California - park owner said ok, park manager said no way. Got by with a Master Mobile whip with 40 meter coil, and a wire loop on the top of the mobile home, approximately 6 inches above the roof. I realise that it is far too close to do a good job but it did work. At that time, in the early 70's, tv and radio shops sold plastic stick on 300 ohm twin lead standoffs. Peel the paper and stick on a clean spot. Held an end fed wire that was approximately 90 feet long.

In World Radio a few years ago, there were a couple of articles about operating from a mobile home - one was strapping the aluminum side panels together with braid and feed with coax as a rather large slot type antenna. Another was with a woodpaneled, shingled, pitched roof doublewide mobile home(manufactured home if one prefers) and the person had installed a 40 m dipole in the attic type crawl space with the majority of the antenna straight, and the ends bent to fit the space - looked like a "Z" fed at the halfway point - I think with 450 line. One more had in the same type crawl space a 20m dipole running in the center with a reflector and director wire towards each side of the space. Not sure if it was switcheable for direction changing, but that is also a possibility. There have also been endfed loops in the crawl spaces, dipoles laid on the roof, just under the edges of the shingles, and of course the endless number of flagpoles made from pvc covering trap verticals. A lot of places won't allow such poles, either.

Sorry to be so verbose but thought the ideas might be helpful to you and others.

73

Ray

It is amazing what you can accomplish if you do not care who gets the credit. HST

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M

NARTE-NCT2R FP# 111, SOC#78,QRP-ARCI 5784,

El Paso, (FAR WEST) TEXAS

Date: Wed, 7 Aug 2002 07:28:32 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131655] Re: QST Article Assistance
Message-ID: <Pine.BSI.3.96.1020807072310.9946H-1000000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I want to thank everyone who responded to my request for assistance with this article. The quality of the CDRom version was not very good, but a few other people offered to send me photocopies from the magazine proper. Before long, my eyebones will get a rest and I will toss out the copy made from microfilm. And I'll try to find a copy of that issue in the flea markets.

I recently retired, and am spending a good deal of my time putting together an MF/HF communications receiver, a project that I have been working on for a number of years but never had sufficient time to complete. The front end described in this article has been a baseline for performance, and with the amplifiers and mixers that I have patented I can easily get the same performance with less than 20% of the power consumption.

Chris

On Tue, 6 Aug 2002, Chris Trask wrote:

>
> If anyone out there has the CDRom set for QST, I would like to
> obtain a copy of an article from February 1993:
>
> Makhinson, Jacob (N6NWP), "A High-Dynamic-Range MF/HF
> Receiver Front End," QST, Feb 1993, pp. 23-28 (see
> Feedback, QST, Jun 1993, p. 73).
>
> I have a copy of this plus the feedback that was made from
> microfilm at the university some years ago, but the quality of the copy is
> such that it gives me a headache to try reading it.
>
> Chris
>

p.s. More items later including Ten-Tec accessories.

Date: Wed, 7 Aug 2002 08:20:17 -0700
From: "blinn" <blinn@smgazette.com>
To: <preacher102677@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131657] Re: Hoof in mouth strikes again!!
Message-ID: <000601c23e25\$f0735ec0\$a38aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now that's what I call enthusiasm! Well said, Brandon.

Oh, to be young and brash again!

Hold the torch high...

Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02

--

Date: Wed, 7 Aug 2002 11:53:15 -0400
From: "Marty N5NW" <n5nw@n5nw.org>
To: <qrp-l@lehigh.edu>
Subject: [131658] Re: End fed wire antenna
Message-ID: <000b01c23e2a\$8b8eb810\$3339a8c0@dayton.hospiceofdayton.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Sadly, this isn't also true of a mobile home. So what I'm
>contemplating is a doublet fed with 300-ohm twin lead as
>far as the top edge of the home, then a 4:1 balun, then
>coax (probably RG-58 - we just recabled the company for
>ethernet and there's lots laying around) down the inside
>of the wall to a tuner.

Certainly a reasonable approach ... but I wouldn't worry about a 4:1 balun (unless you just have one lying around you need to use). The 1:1 choke balun will accomplish the purpose, which is to keep RF off the shield of the coax into the shack. You aren't typically trying for an impedance match in this situation, so why introduce the possibility of loss with an impedance matching transformer (the 4:1 balun)? Won't kill the signal, certainly, but there is risk associated with it.

My plans include the 88 ft. doublet with ladder line to the ground, a 1:1 choke balun (with the lightning surge at that point) and coax to the shack. I'd prefer to run a resonant antenna for 80m, but just simply don't have the room on my lot. I should get a decent omni-directional pattern on 80 and a bi-directional pattern on 40, given my 35 ft. height. I'd also prefer to run ladder line the full length to the radio, but can't (or don't want to) work out the logistics to get the ladder line to the radio.

My intention is to put up a tower and small 5-band beam to cover 20-10m, with a 6m omni on the tower and a 2m/70cm vertical on the chimney mount. The net is that I'm not terribly concerned about the wire doublet performance on 20m and up. But it should be effective on 80-30m, and possibly will load on 160 but won't be terribly efficient. I'm exploring other options like shunt feeding the tower or perhaps an inverted-L for 160, but haven't done enough research to know exactly what I want yet.

de N5NW/8 (Marty)
Bellbrook, Ohio

Date: Wed, 7 Aug 2002 12:08:56 +0000
From: ve3ab@mail.mondenet.com
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131659] Re: 75 Meters, short antenna!-another possibility.
Message-ID: <200208071610.g77GA1t0022505@phlox.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

For those who want to fit an 80 meter antenna into a spot about the size of a 40 meter antenna--and will work both bands..I saw an interesting article in Volume 2 ARRL Ant Compendium. I was just looking at it recently and thought I'd comment on it. It is called a Swallow Tail Antenna Tuner. Uses a full size 40

dipole/inv v..and has an Isolating Coil of about 120 UH then one end has a swallow tail double section of 43 inches..tuneable using a 60 LB nylon pull line which goes over to the shack window. So the total length of the antenna is about 74 ft. A scaled version for 80 and 160 would probably work(author had not tried it)..This is the one I might be interested in trying..I figure a 200 UH coil on each end with 8 ft stubs. For a nylon pull line..I was thinking of using the heavy duty line (blue for reduced visibility)-used for the weed eater grass cutting machines).

MY VERSION would be a 133 ft section..fed with open wire feeders going to my balanced tuner(good for all bands 80 thru 10). For 160 ..the 200 UH isolating coils with 8 ft stubs and a tuner that would cover 160 balanced wire feed. This would give me an all freq dipole in a relatively small space. 73 Earl VE3AB

Date: Wed, 7 Aug 2002 09:12:27 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [131660] Missing Posts?
Message-ID: <GNEOLGDJDOPEALHJMKLCCEHACIAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have a 'puter here at the office and one at home.

I have outlook set up so that it 'leaves the message on the server' for x many days on both machines.

For the most part, I get all my messages on both computers, EXCEPT for QRP-L ...

I've noticed in the last few days that I would post a message, but some of them I would never see posted on the list. But someone would reply to it ... And now I've scoured my QRP-L filter folder, and indeed I find a whole bunch or 'RE:' messages that I can't find the original for.

I'm missing posts ... anyone else see this phenomena?
Tracy N4LGH

Date: Wed, 7 Aug 2002 09:25:59 -0700 (PDT)

From: Bill ROWLETT <kc4atu@yahoo.com>
To: kr1st@amsat.org,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131661] Re: End fed wire antenna
Message-ID: <20020807162559.23908.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Alex,

One thing you can do on the ground floor is have a look around outside for the downspouts. A run of rg-8x with the center connected to the downspout and the braid to a 4ft ground rod works real good. These connections and the ground rod need to be made at night so as not to attract attention.

Just a thought, 73

Bill kc4atu

Do You Yahoo!?
Yahoo! Health - Feel better, live better
<http://health.yahoo.com>

Date: Wed, 7 Aug 2002 09:33:41 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: preacher102677@juno.com,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131662] Re: Hoof in mouth strikes again!!
Message-ID: <20020807163341.26076.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just be sure that using your ears become a bigger part of the habit than using the fist or mouth and you will become a good operator.

Welcome aboard, and continue to have fun.

73, Bill kc4atu

Do You Yahoo!?
Yahoo! Health - Feel better, live better

<http://health.yahoo.com>

Date: Wed, 7 Aug 2002 10:52:12 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [131663] Fox - Summer Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0208071047300.18221-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt *9 - N3BJ -

The NE-TX Tornados - 31

George - W5YR *
Doc - W5TB *
Eric - NM5M
Don - K5DW *
Mike - KD5KXF

The Raiders of the Lost RF - 31

Rob - VE6JAZ
Dan - VE6EX *
Fred = VE3FAL
Earl - VA6RF *
Bruce - VE5RC *

The Piggie Team - 16

Jim - KJ0C *
Dave - WR50 *
Randy - W9HL
Wayne - K9DI
Diz - W8DIZ

The Cheeseheads - 38

Craig - VE4WI *
Jim - WA9TZE *
Glenn - WE9K * Clean
Lon - W9XU * Sweep
Rick - NK9G *

The Cajun Thunder - 28

Wayne - K5E0A *
Jim - N5IB *
Vern - AA50 *
Wayne - N5YFC *
Tom - AC5JH

The Swamp Rats - 29

ET - N1FN
Doc - K0EVZ
Paul - K4FB *
Dennis - N4DD *
Tom - N1TP *

The p-Shooters - 18

Jason - K0IIN

Gary - NQ7T
Jim - KC1FB
Tony - KB9YIG
Todd - N9NE *

...please notify me direct of any changes...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 7 Aug 2002 11:18:10 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [131664] Fox - Summer Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0208071114030.20281-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #10 - AC7A -

The NE-TX Tornados - 34

The Raiders of the Lost RF - 35

George - W5YR *
Doc - W5TB *
Eric - NM5M
Don - K5DW *
Mike - KD5KXF

Rob - VE6JAZ
Dan - VE6EX *
Fred = VE3FAL *
Earl - VA6RF *
Bruce - VE5RC *

The Piggie Team - 18

Jim - KJ0C *
Dave - WR50
Randy - W9HL *
Wayne - K9DI
Diz - W8DIZ

The Cheeseheads - 42

Craig - VE4WI
Jim - WA9TZE *
Glenn - WE9K *
Lon - W9XU *
Rick - NK9G *

The Cajun Thunder - 31

Wayne - K5E0A *
Jim - N5IB *
Vern - AA50 *
Wayne - N5YFC
Tom - AC5JH

The Swamp Rats - 32

ET - N1FN
Doc - K0EVZ
Paul - K4FB *
Dennis - N4DD *
Tom - N1TP *

The p-Shooters - 21

Jason - K0IIN
Gary - NQ7T
Jim - KC1FB *
Tony - KB9YIG *
Todd - N9NE *

...please notify me direct of any changes...thank you...

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- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 07 Aug 2002 19:13:43 +0200

From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-l@lehigh.edu
Subject: [131665] Re: Missing Posts?
Message-ID: <5.1.1.6.1.20020807185808.00a025a0@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Tracy

>I'm missing posts ... anyone else see this phenomena?

No you are uptodate. ;o)

This is a general problem with two reasons.

1. Writer "A" put a mail on QRP-L. Writer "B" answered him direct. Writer "A" wrote again via QRP-L, so you and I see only 2 of the 3 mails.

2. Sometimes a thread between two hams will send and answer direct (without any post on QRP-L). From a point the thread will attain an interesting level and one of the both writers send the mail also to QRP-L. You and I see never the original post.

88

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Wed, 7 Aug 2002 13:22:25 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <w5xe@juno.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131666] Apt.dweller
Message-ID: <002701c23e37\$35691e00\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm on the 6th floor of a no antenna steel/brick complex. VHF/UHF HT @ 5 Watts doesn't affect the fire alarm.

Any HF Ideas? 73 Ron W2WU

----- Original Message -----

From: William R Colbert <w5xe@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: 07 August, 2002 10:23

Subject: Re: End fed wire antenna - Long

> Hi Dave, and group
> After living in a mobile home for over 30 years,
> I can tell you that even on vhf the Faraday shield
> effect is quite prevalent trying to operate from the
> inside. Now I have not been in nor tried to
> operate from the newer types where the roof is shingled
> and sides wood panels. I would think signals would pass
> pretty well in that type of mobile home except for the
> coupling to the electrical, phone, etc. They do not use any
> type of metal conduit for wire runs and for electrical depend
> on romex type cable.
> I have been fortunate in that only one place had antenna restrictions
> and that was in Southern California - park owner said ok, park
> manager said no way. Got by with a Master Mobile whip with
> 40 meter coil, and a wire loop on the top of the mobile home,
> approximately 6 inches above the roof. I realise that it is far
> too close to do a good job but it did work. At that time, in
> the early 70's, tv and radio shops sold plastic stick on 300 ohm
> twin lead standoffs. Peel the paper and stick on a clean spot.
> Held an end fed wire that was approximately 90 feet long.
> In World Radio a few years ago, there were a couple of articles
> about operating from a mobile home - one was strapping the
> aluminum side panels together with braid and feed with coax as
> a rather large slot type antenna. Another was with a woodpaneled,
> shingled, pitched roof doublewide mobile home(manufactured home
> if one prefers) and the person had installed a 40 m dipole in the
> attic type crawl space with the majority of the antenna straight,
> and the ends bent to fit the space - looked like a "Z" fed at the
> halfway point - I think with 450 line. One more had in the same
> type crawl space a 20m dipole running in the center with a reflector
> and director wire towards each side of the space. Not sure if it
> was switcheable for direction changing, but that is also a possibility.
> There have also been endfed loops in the crawl spaces, dipoles
> laid on the roof, just under the edges of the shingles, and of course
> the endless number of flagpoles made from pvc covering trap verticals.
> A lot of places won't allow such poles, either.
> Sorry to be so verbose but thought the ideas might be helpful to you
> and others.
>
> 73
> Ray

>
> It is amazing what you can accomplish if you do not
> care who gets the credit. HST
> Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
> NARTE-NCT2R FP# 111, SOC#78,QRP-ARCI 5784,
> El Paso, (FAR WEST)TEXAS

Date: Wed, 7 Aug 2002 13:24:00 -0400
From: "Mullin, Edward J." <mulline@tycoelectronics.com>
To: "'QRP'" <qrp-1@lehigh.edu>
Subject: [131667] IF cans color codes
Message-ID: <F1C60F6146F4DF4B902254ECAC17271D6A051B@us358mx00>
MIME-Version: 1.0
Content-Type: text/plain

Does anyone know what the definition of the color codes on these small if
cans are?

> Ed
>

Date: Wed, 07 Aug 2002 13:37:31 -0400
From: Juan Ferrari <puntrad@usa.net>
To: " " <qrp-1@lehigh.edu>
Subject: [131668] OT GACW
Message-ID: <20020807173731.6278.qmail@uwdvg001.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I received this from my friends at the GACW and think it may be of interest.

Not QRP but very CW.

THE GACW KEY DAY =

=

The GACW KD is not a competition or contest but an event to encourage all=

amateur radio to bring out his old manual and no electronic keys and make= as

many QSOs as they can with other participants.

Date: Starting last February saturday each year. 23/2/2003.

Time: 1800 Saturday till 0600 UTC Sunday.

Frequencies: Close (but always up) to 3530- 7030-14030- 21030 and 28030 = kHz.

WARC: The QSOs in the WARC bands are allowed but no recommended freq.

Mode: A1A - CW, straight key and no-electronic key only.

CALL: CQ KD - CQ GACW KD, etc.

Exchange: Greetings and RST plus your GACW #. Non GACW members send KD.

If you made more than 10 QSOs you are invited to vote for 3 different sta= tions

with a special very good

sending.

The "GACW KEY DAY" will be awarded to the 5 most voted stations.

Logs. Simple list using log book format, etc.

Deadline: Not later than the 15st of March to GACW

Logs can be sent via e-mail as text-file to: gacw@lan.no-ip.org

=

GACW

P.O. Box 9

B1875ZAA - Wilde

Buenos Aires

ARGENTINA

Date: Wed, 7 Aug 2002 10:40:41 -0700

From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>

To: "'tracy@bytemark.com'" <tracy@bytemark.com>,
 "'qrp-1@Lehigh.EDU'" <qrp-1@lehigh.edu>

Subject: [131669] Re: Missing Posts?

Message-ID: <7FD24C15A06DD511BF9E00D0B73E9952047A84FE@az33exm05.corp.mot.com>

MIME-Version: 1.0

Content-Type: text/plain;
 charset="ISO-8859-1"

Tracy:

I have this happen regularly as well. Normally it is because I sent the message using the default "rich text" format from Outlook. These have all disappeared. Make sure that QRPL messages sent using Outlook use the "plain text" option. Just go under Format and select the "plain text" option.

My version of Outlook also seems to place all text out as one very long line. For QRPL, I need to manually break up lines.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

>I have a 'puter here at the office and one at home.

>I have outlook set up so that it 'leaves the message on the server' for x
>many days on both machines.

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....

>I've noticed in the last few days that I would post a message, but some of
>them I would never see posted on the list. But someone would reply to it ...
>And now I've scoured my QRP-L filter folder, and indeed I find a whole bunch
>or 'RE:' messages that I can't find the original for.

>I'm missing posts ... anyone else see this phenomena?
>Tracy N4LGH

Date: Wed, 07 Aug 2002 14:05:44 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [131670] Re: Apt.dweller
Message-ID: <5.1.0.14.1.20020807135449.00a6c5f0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:22 PM 8/7/2002 -0400, you wrote:

>I'm on the 6th floor of a no antenna steel/brick complex. VHF/UHF HT @ 5
>Watts doesn't affect the fire alarm.

>

>Any HF Ideas? 73 Ron W2WU

Ron,

Can you open a window? I wonder if a vertical wire or slinky hanging from the windowsill might be feasible.

Some years ago I saw an article (I think it was in 73 Magazine) on a little assembly made from a slinky and a fishing reel. It would sit on the window sill, and when you wanted to operate you'd tip the slinky out the window and it would extend to its full reach. The line from the fishing reel ran

down the inside of the slinky and was tied to the far end. When you wanted to shut down for the night you'd crank the reel and retract the slinky, and the neighbors would never know the difference.

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 6 Aug 2002 22:55:16 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "James R. Duffey" <jamesd1@flash.net>, <qrp-1@lehigh.edu>
Subject: [131671] Re: NorCal VX0 Contest
Message-ID: <002701c23dd7\$0412d040\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim, excellent questions. Please see my answers inserted in your message.

> Doug - The VX0 contest looks great. Just the thing to stimulate the grey
> matter. I already have a couple designs brewing in the back regions of
the
> cranium.
>

Good job Jim, it is always good to suck up to the contest sponsor. Thank you.

> I understand why you want to use the 1SV149 Varactor instead of a variable
> capacitor as viable variable capacitors are getting difficult to obtain.
> But would inductive tuning be acceptable? In this case, there would be no
> need for the varactor. I am not looking for a loophole here, but I am
> looking for an advantage. :^)

Sorry, you must use the varactor to tune with.

>
> Similarly, are trimmer capacitors allowed if they are not used to control
> the frequency?

Yes, I can see how you would want to use one to optimize the
capacitance/inductance ratio. Good idea. You win on this point, go for it.

>
> Also, will the crystal parameters of the NorCal crystals in your mayonaise
> jar be made available? That would be useful for design purposes. I have my
> own mayonaise jar, although no front porch here. The view from the back
deck
> is spectacular though.

Yes, I will ship the crystal to Dave Fifield who will measure all of the
parameters and publish them on the list. Dave doesn't know about this yet,
but he will do it as he is such a good guy and so knowledgeable. (Note that
the contest sponsor also knows how to suck up when he needs a favor.)

>
> Will you distinguish between true VXOs and circuits in which the crystal
and
> reactive tuning components act as a VFO? If so, how?
>
Dave Fifield and Mike Gipe are in charge of this. Perhaps they will comment
on it. But they did assure me that it would not be a problem.

> I am working on a design that employs conjugate matching. :^)=
>
I used to conjugate match, but had to give it up when I got married, as
JoAnne would not approve.

I look forward to your entry. 72, Doug

Date: Wed, 7 Aug 2002 14:14:11 -0400
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [131672] WBL V22 paddle
Message-ID: <001201c23e3e\$3bd05a40\$b534323f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy gang:

I know this is a long shot, but I again begin my yearly quest for a WBL V22 iambic paddle.

If anyone is interested in selling a V22 or even the earlier V2L please contact me off list.

73, Joe W2KJ

Date: Wed, 07 Aug 2002 12:28:57 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <w2kj@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131673] Re: [WBL V22 paddle]
Message-ID: <20020807182857.24752.qmail@uwdvg023.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

V22 #90 is currently at \$315.00 on eBay:

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3D1371444690>

"Joe W2KJ" <w2kj@earthlink.net> wrote:

> Howdy gang:

> =

> I know this is a long shot, but I again begin my yearly quest
> for a WBL V22 iambic paddle.

> =

> If anyone is interested in selling a V22 or even the earlier
> V2L please contact me off list.

> =

>

73, Joe W2KJ

> =

> =

Date: Wed, 07 Aug 2002 12:26:16 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [131674] Truffle hunt 8/8/02
Message-ID: <20020807182616.25587.qmail@uadvg137.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I will be the Truffle tomorrow evening from 0130 to 0200 UTC. Hope to be=
transmitting on 14.060 MHz +/- QRM, working split and listening =
up about 1 kHz using a K1 at 5 watts and a vertical. =

I will be calling 'CQ FP DE KB0LUR' and the exchange is RST NAME SPC POWE=
R. =

Hope to work more than a few folks.

<http://www.fpqrp.com/struffle.html> =

Paul Ermisch KB0LUR
Parker, Colorado
=

Date: Wed, 7 Aug 2002 13:46:52 -0500
From: "Jim NOUR" <n0ur@attbi.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [131675] Fox: Looks like a couple "zeros" this week.
Message-ID: <000b01c23e42\$cbc2cc60\$6a202942@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Be sure to get on and see if I can hear you. I will be the "high" station, and Al / K0FRP will be the loud station.

That's tomorrow (Thursday) night at 0200Z.....I sure wish it was 1 hour earlier.

Thanks es good luck

Jim N0UR

Date: Wed, 07 Aug 2002 18:43:22 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [131676] Wanted: Black Case for NC20
Message-ID: <0E26x33E1ioWwr2UAaT0000a01a@hotmail.com>

Looking for the black case that Doug Hauff offered for the Norcal 20.

Would consider complete, working rig with the black case, also.

Please let me know if you have one that is surplus to your needs.

Alan, N3BJ
Bent Mountain, VA

Date: Wed, 7 Aug 2002 12:09:17 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [131677] RE: Missing Posts?
Message-ID: <GNEOLGDJDOPEALHJMKLCEEHHCIAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I just did an interesting test ...

I turned off the bytemark.com mail server for a moment to wait for a qrp-l post. I saw the connection attempt, and my server did not answer. I turned it back on and waited ... indeed, no retry - there are new messages that are coming in but not the ones that were tried earlier.

So, I guess Lehigh doesn't retry if a remote server does not acknowledge the message receipt?

I run my mail server, but I don't necessarily understand the underpinnings of email servers. I have now checked all 'retry' options on bytemark.com, maybe that'll make a diff ...

OT, but of interest I think
Tracy N4LGH

Date: Wed, 07 Aug 2002 19:34:13 GMT
From: na5n@zianet.com
To: mulline@tycoelectronics.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131678] Re: IF cans color codes
Message-ID: <20020807193413.4663.qmail@zianet.com>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Mullin, Edward J. writes:

> Does anyone know what the definition of the color codes on these small if
> cans are?

Ed, and others,
The color coding used on IF cans tend to be manufacturer dependent. There is no standard that green means this, orange that. If you know the specific manufacturer (Toko, coilcraft, etc.), you can find this information on their websites. The IF cans from Mouser are color coded, and shown in their catalog/website.

The original purpose of the color coding was NOT to indicate any particular value in uH or something, but rather to make them easily recognizable by those inserting them into circuit boards for radios, TV's and CB's. It's so they wouldn't get the wrong IF cans plugged into the wrong spot on the boards. However, since most electronics today is all machine inserted and wave soldered, the color coding is less important (for industry, anyway).

Good question ... but unfortunately, the colors have no meaning unless the exact manufacturer is known.

72, Paul NA5N

Date: Wed, 07 Aug 2002 15:40:34 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: tracy@bytemark.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [131679] Re: Missing Posts?
Message-ID: <3D5177B2.7090506@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit

> So, I guess Lehigh doesn't retry if a remote server does not acknowledge the
> message receipt?

Of course it does.

Jim N3VXI

Date: Wed, 07 Aug 2002 19:41:19 GMT
From: na5n@zianet.com
To: ki6ds@dph.dpol.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131680] Re: NorCal VX0 Contest
Message-ID: <20020807194119.2948.qmail@zianet.com>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Doug Hendricks writes:

> Sorry, you must use the varactor to tune with.

>

> > Similarly, are trimmer capacitors allowed if they are not used to > > control
the frequency?

I was thinking about making one where the TUNE control wiggled a small
bunsen burner across the crystal case to move the frequency around.
So is open flame allowed?

> > I am working on a design that employs conjugate matching. :^)=

I'm gonna use my conjugate match to light the thing.

> I look forward to your entry. 72, Doug

You'll feel different after the Concord Fire Department arrives :-)

72, Paul NA5N

Date: Sat, 22 Jun 2002 02:17:24 -0500
From: "dan wanchic" <wa8vzq@cloudnet.com>
To: <qrp-1@lehigh.edu>
Subject: [131681] Re: IF cans color codes
Message-ID: <000201c219bc\$f8929fe0\$82f1ddcc@wa8vzq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed,

You may find this site useful....

<http://www.electronics-tutorials.com/filters/if-amplifier-transformers.htm>

Regards

Dan

-- -- -- -- -- WA8VZQ -- Since 1967 -- -- -- -- --
Federal Aviation Administration -- -- Electronics Technician
ex-Nuclear Emergency Search Team (NEST) 1977 - 1981
-- -- -- NEST Three Mile Island Response Team -- -- --
-- -- ex-HFer @ ACA-15, WAR-46, KAL-24, KZ5VZ -- -- -- --

Date: Wed, 7 Aug 2002 15:48:20 -0400
From: "Mullin, Edward J." <mulline@tycoelectronics.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [131682] RE: IF cans color codes

Message-ID: <F1C60F6146F4DF4B902254ECAC17271D6A051D@us358mx00>
MIME-Version: 1.0
Content-Type: text/plain

Thanks, so I guess I'll have to measure them, somehow. I have a few loose ones hanging around in the junk box so I was wondering if there was a way to just look it up. Thanks for the replies.

> -----Original Message-----
> From: na5n@zianet.com [SMTP:na5n@zianet.com]
> Sent: Wednesday, August 07, 2002 3:34 PM
> To: Mullin, Edward J.
> Cc: Low Power Amateur Radio Discussion
> Subject: Re: IF cans color codes
>
> Mullin, Edward J. writes:
>
> > Does anyone know what the definition of the color codes on these small
> if
> > cans are?
>
> Ed, and others,
> The color coding used on IF cans tend to be manufacturer dependent.
> There is no standard that green means this, orange that. If you know
> the specific manufacturer (Toko, coilcraft, etc.), you can find this
> information on their websites. The IF cans from Mouser are color
> coded, and shown in their catalog/website.
>
> The original purpose of the color coding was NOT to indicate any
> particular value in uH or something, but rather to make them easily
> recognizable by those inserting them into circuit boards for radios,
> TV's and CB's. It's so they wouldn't get the wrong IF cans plugged
> into the wrong spot on the boards. However, since most electronics
> today is all machine inserted and wave soldered, the color coding is
> less important (for industry, anyway).
>
> Good question ... but unfortunately, the colors have no meaning unless
> the exact manufacturer is known.
>
> 72, Paul NA5N
>
>

Date: Wed, 07 Aug 2002 22:17:01 +0200
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-1@lehigh.edu

Subject: [131683] Re: NorCal VX0 Contest
Message-ID: <5.1.1.6.1.20020807221257.009ff180@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Paul,

>I was thinking about making one where the TUNE control wiggled a small
>bunson burner across the crystal case to move the frequency around.

Maybe is a Peltier element the right choice. The hot side for tuning the
XTAL and the cool side as radiator for the PA. ;o))

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Wed, 7 Aug 2002 14:24:36 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: W2AGN <w2agn@w2agn.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131684] Re: End fed wire antenna
Message-ID: <Pine.LNX.4.44.0208071413460.10759-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John I have had it with you. Since you admit being stupid why do
you bother to add your insult on me to that which Bruce and I were talking
about in good terms?

I just took down my old 88 foot antenna just in case the 44 foot
antenna was being helped as a parasitic element. But it's not because
the tuning on the antenna tuner did not change a bit.

So again John since I can't stand the constant comments you
write of what I and others write I am again sending all your e-mail
messages to a storage place called /dev/null. It never gets full and I
never look at it.

Good bye John.

On Wed, 7 Aug 2002, W2AGN wrote:

> On 7 Aug 2002 at 5:35, Karl F. Larsen wrote:

>

> >

> > Bruce you declare that the end fed zepp is an inherently
> > unbalanced antenna. That's a good assumption I guess but your ignoring
> > the 300 ohm feedline. Have you ever put a 40 meter wire fed with a
> > balanced feedline on a Smith Chart? I plan to do that and then find out
> > what the antenna impedance is.

> >

> > My experiance yesterday is that I don't need a good ground on
> > any band except 20 meters. I think a counterpoise will cure that
> > problem. On 75 meters it works so well I'm very happy. I went around
> > telling people your not getting on 75 meters with anything shorter than
> > a G5RV (102 feet). Now I'm saying you can get on 75 meters with 44 feet
> > of antenna.

> >

>

>

> Oh come on, now! Even I, technical dunce that I may be, know that you are not
working 75 Meters with a 44 foot antenna! Your feedline is part of the antenna,
and is

> radiating like crazy. In fact, on 75, you have an end fed, random wire, however
long your feddline + 44 foot antenna wire is..

>

> I really hope nobody at that Hamfest takes your disjointed ramblings seriously!

>

> --

>

> /_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke

> (W)(2)(A)(G)(N) <http://www.w2agn.net>

> _ / _ / _ / _ / _ / QRPARCHI, NJQRP, ARQrp, GQRP, RSGB

> Ex- K3HLU, W7JEF, W4MPC, N4JS

>

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Wed, 7 Aug 2002 14:38:02 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Jim N0UR <n0ur@attbi.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131685] Re: Fox: Looks like a couple "zeros" this week.
Message-ID: <Pine.LNX.4.44.0208071435530.10759-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If either of you are in Colorado it will be a zero for me...NM
is too darn close. But I will be there looking with my 44 foot end fed
zepp and TH6DXX beam at 60 feet.

By the way which way should I point the beam?

On Wed, 7 Aug 2002, Jim N0UR wrote:

> Be sure to get on and see if I can hear you. I will be the "high" station,
> and A1 / K0FRP will be the loud station.
>
> That's tomorrow (Thursday) night at 0200Z.....I sure wish it was 1 hour
> earlier.
>
> Thanks es good luck
>
> Jim N0UR
>
>

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Wed, 7 Aug 2002 13:39:47 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@lehigh.edu
Subject: [131686] For Sale de K6AWC,Glenn
Message-ID: <20020807.133952.-387665.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I am listing these items for a fellow ham and good friend-

1. Kenwood 520 S w/ digital display \$295 obo. Works OK

2. Tristao 72' tower, KLM KT34XA, Ham M Rotator and Control \$750 obo.
Needs to be dismantled.
Pick up only.
Glenn is at 818-989-3253(Los Angeles Area)
Marv Fagenson
k6hcj@Juno.com

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Date: Wed, 07 Aug 2002 16:42:56 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131687] Re: End fed wire antenna
Message-ID: <3D514E10.7814.149CBE@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Aug 2002 at 14:24, Karl F. Larsen wrote:

>
>
> Hi John I have had it with you. Since you admit being stupid why do
> you bother to add your insult on me to that which Bruce and I were talking
> about in good terms?
>
> I just took down my old 88 foot antenna just in case the 44 foot
> antenna was being helped as a parasitic element. But it's not because
> the tuning on the antenna tuner did not change a bit.
>
> So again John since I can't stand the constant comments you
> write of what I and others write I am again sending all your e-mail
> messages to a storage place called /dev/null. It never gets full and I
> never look at it.

Well, it's one thing to be stupid (although I didn't say I was that), and another
to try and impress others, and/or make them as dumb as you are. As I have said,
your

ridiculous posts, including this last "my 44 foot antenna is great on 75M," completely ignoring feedline length is typical. Some poor newbie might go out and throw up a 44

foot wire, and wonder why it doesn't work as Karl says it should. Then you brag about giving a talk at a hamfest? I hope they laugh you right out of there.

Not worried about your /dev/null. This is the 5th time you have said that. I'm guessing you couldn't figure out how to get Linux procmail to do it if your life depended on it.

--

/\ /\ /\ /\ /\ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_/ _/ _/ _/ _/ QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Wed, 7 Aug 2002 14:52:05 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [131688] 44 foot End Fed Antenna
Message-ID: <Pine.LNX.4.44.0208071448190.10759-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang, this antenna works so well that I was afraid it was using my much higher 88 foot center fed antenna as a parasitic antenna. So I took the 88 foot antenna down and it seems to have had no effect.

And the results of far better results than expected stands. I am really happy with how well it works for short range 2-400 mile paths.

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Wed, 7 Aug 2002 17:02:44 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <tracy@bytemark.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131689] Re: Missing Posts?

Message-ID: <008901c23e56\$04eac700\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It may be a 'fallback' issue.

A lot of protocols will not retry immediately. In fact, you can have a message try to go through and fail. Later another message goes through, but the first one still didn't.

When a message errors, it doesn't go to the head of the queue for next time, it gets a new time that may be much later than some other messages.

So, unless you waited long enough to guarantee that you caught all the messages that were held back at their longest possible re-dispatch times, you can't say for certain that the message will not get through.

Mike

----- Original Message -----
From: "Tracy Markham" <tracy@bytemark.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 07, 2002 3:09 PM
Subject: RE: Missing Posts?

> I just did an interesting test ...
>
> I turned off the bytemark.com mail server for a moment to wait for a
qrp-1
> post. I saw the connection attempt, and my server did not answer. I
turned
> it back on and waited ... indeed, no retry - there are new messages that
are
> coming in but not the ones that were tried earlier.
>
> So, I guess Lehigh doesn't retry if a remote server does not acknowledge
the
> message receipt?
>
> I run my mail server, but I don't necessarily understand the
underpinnings
> of email servers. I have now checked all 'retry' options on
bytemark.com,
> maybe that'll make a diff ...

>
> OT, but of interest I think
> Tracy N4LGH

Date: Wed, 7 Aug 2002 17:09:11 -0400
From: "Robin Kidd" <robink@us.ibm.com>
To: qrp-l@lehigh.edu
Subject: [131690] Re: End fed wire antenna
Message-ID: <0F2732F93A.5178B787-0N85256C0E.00739711@boulder.ibm.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Maybe I am still naive enough to think that hams try to help each other. I have watched this battle go on about the end fed wire antennas with some real misgivings about where this is all going. I have only been a ham since February of this year. I have been excited about this hobby up till now - let try to help each other to get on the air and not get into a pissing contest. Each person has ideas that hopefully have been put on this list with some modicum of testing to back them up. If you don't agree with the results/ideas tell me why, but please don't drag someone down because you happen to disagree with their approach. This is a large hobby with room for experimenters of all types. I for one enjoy someone putting ideas out that are a little radical just as long as there is some proof as to the validity of the idea.

Regards,

Robin J. Kidd
KG4RSQ

Remember, the Ark was created by inspired amateurs but the Titanic was created by professionals...

kg4rsq@arrl.net

Date: Wed, 7 Aug 2002 14:16:37 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@lehigh.edu

Subject: [131691] For sale de K6AWC
Message-ID: <20020807.141640.-351693.1.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Clarification-The Tristao 72 ft tower is self supporting.
Sorry for the omission.
Marv Fagenson
k6hcj@Juno.com

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Date: Wed, 07 Aug 2002 17:39:05 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131692] Re: End fed wire antenna
Message-ID: <3D519379.8A2C968@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

My understanding of the end fed zepp is that the "feedline: tends to act as a counterpoise as well as aa feedline. In any case, the end fed wire I am talking about is one where there is NO feedline. The antenna is connected directly to the tuner with a banana plug!

A ground is not necessary on any band. A good RF return, or a counterpoise is required to get any efficiency out of the antenna.

Please don't try to tell me you are an expert with the end fed wire after doing one experiment. I have been using the antenna for 30 years. I think I have come to understand it. I have worked all states and DXCC with it. I have worked 80 meter CW with end feed wires as short as 20 feet! They worked as well as I could have expected. Why? because of a counterpoise!

Date: Wed, 07 Aug 2002 17:45:53 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: jessmx5@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131693] Re: Hoof in mouth strikes again!!
Message-ID: <3D519511.73921D93@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jess,

>

> Amen! When we start chastising for being happy about radio, there is a
> problem.

>

Ever hear of the idea "everything in moderation!" Enthusiasm is nice.
Enthusiasm is good. Crass bragging is not!

Date: Wed, 7 Aug 2002 14:54:26 -0700 (Pacific Daylight Time)
From: "Sparky" <lou@harborside.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [131694] Re: Hoof in mouth strikes again!!
Message-ID: <3D519712.000001.00472@750n>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

Amen !!!

-----Original Message-----

From: w6toy@erols.com
Date: Wednesday, August 07, 2002 3:05:12 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Hoof in mouth strikes again!!

Jess,

>

> Amen! When we start chastising for being happy about radio, there is a
> problem.

>

Ever hear of the idea "everything in moderation!" Enthusiasm is nice.
Enthusiasm is good. Crass bragging is not!

Date: Wed, 7 Aug 2002 15:02:26 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: <robink@us.ibm.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131695] Re: End fed wire antenna
Message-ID: <012b01c23e5e\$1e382880\$48861c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hang in there Robin, you've stepped in some dog crap here, we're not all like
that...John KF70M

----- Original Message -----

From: "Robin Kidd" <robink@us.ibm.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 07, 2002 2:09 PM
Subject: Re: End fed wire antenna

>

> Maybe I am still naive enough to think that hams try to help each other.

I

> have watched this battle go on about the end fed wire antennas with some
> real misgivings about where this is all going. I have only been a ham
> since February of this year. I have been excited about this hobby up till
> now - let try to help each other to get on the air and not get into a
> pissing contest. Each person has ideas that hopefully have been put on
> this list with some modicum of testing to back them up. If you don't
agree

> with the results/ideas tell me why, but please don't drag someone down
> because you happen to disagree with their approach. This is a large hobby
> with room for experimenters of all types. I for one enjoy someone putting
> ideas out that are a little radical just as long as there is some proof as
> to the validity of the idea.

>

> Regards,

>

> Robin J. Kidd

> KG4RSQ

>

> Remember, the Ark was created by inspired amateurs but the Titanic was
> created by professionals...
>
> kg4rsq@arrl.net
>
>
>
>
>

Date: Wed, 07 Aug 2002 18:05:18 -0400
From: W2AGN <w2agn@w2agn.net>
To: robink@us.ibm.com,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131696] Re: End fed wire antenna
Message-ID: <3D51615E.18123.600A33@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Aug 2002 at 17:09, Robin Kidd wrote:

>
> Maybe I am still naive enough to think that hams try to help each other. I
> have watched this battle go on about the end fed wire antennas with some
> real misgivings about where this is all going. I have only been a ham
> since February of this year.

Robin,

I assure you, I am trying to be helpful. Karl's "pronouncements" are so far off the mark that most people just laugh him off. I AM seriously afraid a newcomer such as yourself would take him seriously.

A 44' wire IS NOT, and CAN NOT be an EFFICIENT radiator on 80M. Will it work at all? Certainly. What Karl is doing is failing to realize that his FEEDLINE is radiating as part of the antenna. If he has 22' of feedline, VIOLA! an 80M quarter wave. With a good ground (or counterpoise) an acceptable antenna.

Some time ago, he made the pronouncement that the EH antenna was "every bit as good as a full sized dipole." He eventually recanted that, and I am sure we will hear

some kind of wishy-washy recanting of this latest drive1.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

End of QRP-L Digest 2640
